

Headquarters U.S. Air Forces in

Europe

“Bring Europe Home”

USAFE

Tri-Services Safety Conference



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HQ USAFE/SEG



Overview

- **USAFE Safety Mission & Role**
- **Safety Review**
 - **Flight Statistics**
 - **Ground Statistics**
 - **Weapons Statistics**
 - **Air Scoop**
- **Project SMART**



USAFE Mission

**TO PRESERVE USAFE'S PEOPLE AND ITS
DECISIVE AIR AND SPACE POWER THROUGH
WORLD-CLASS MISHAP PREVENTION
PROGRAMS**

BY. . .

**EMPLOYING A PROACTIVE APPROACH TO
CREATING AND MAINTAINING SAFETY
PROGRAMS AND SAFETY AWARENESS**



USAFE Safety Role

- **Manage COMUSAFE's Mishap Prevention Program**
- **Clarify Safety Policy**
- **OPR for ORM Command-Wide**
- **Assist with Manning Issues**
- **Manage USAF Training Courses**
- **Host Nation Safety Matter Expert**



Safety Review

- **Flight Safety**
- **Ground Safety**
- **Weapons Safety**
- **Air Scoop**



Safety Review

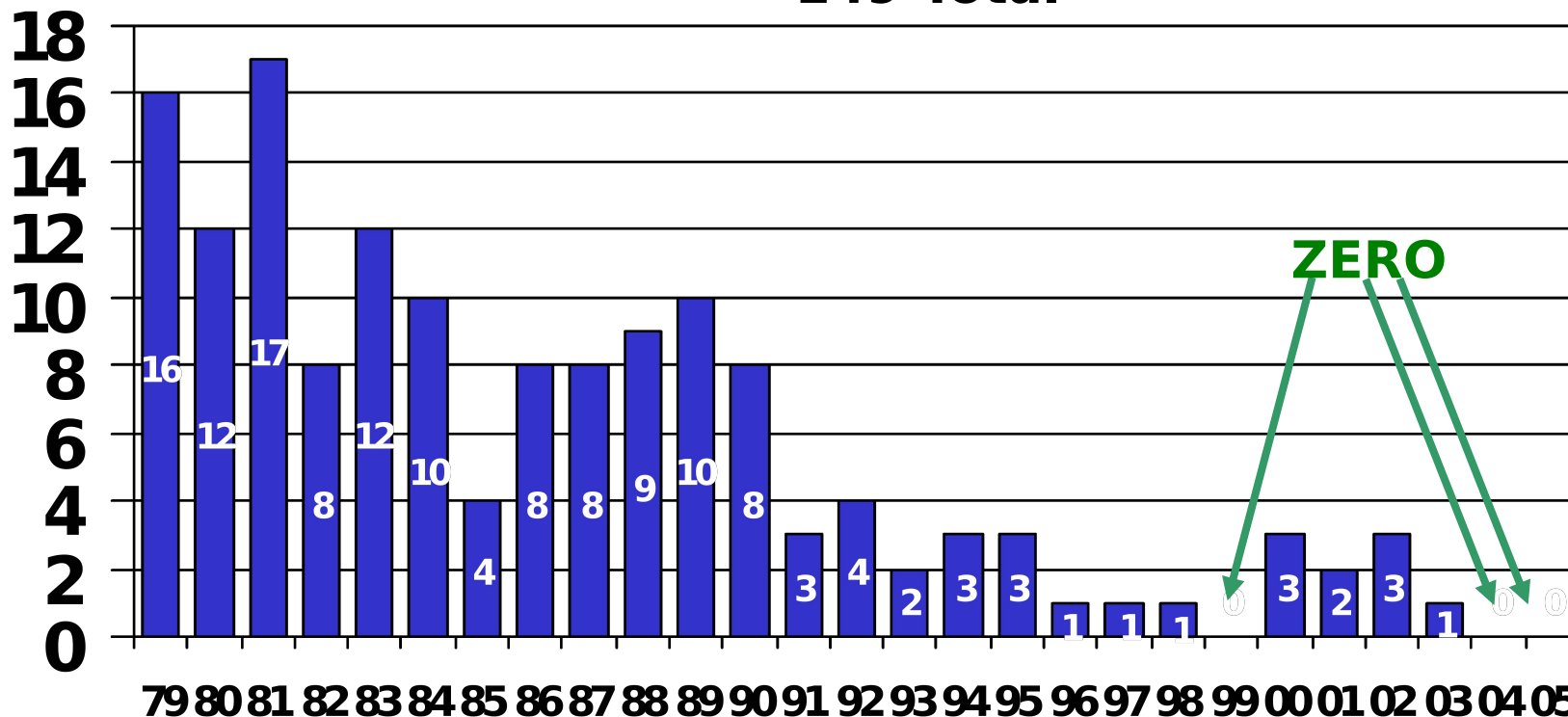
- **Flight Safety**
- Ground Safety
- Weapons Safety
- Air Scoop



USAFE Class A Flight Mishaps FY79-FY05

Goal: 0
Mishaps
149 Total

NUMBER



As of 28 Jan
05

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Flight Safety

- **Major Program Elements**
 - **BASH**
 - **MACA**
 - **HATR**
 - **FOD**
- **Issues:**
 - **Human Factors**
 - **Tech Order Compliance (Maintenance)**



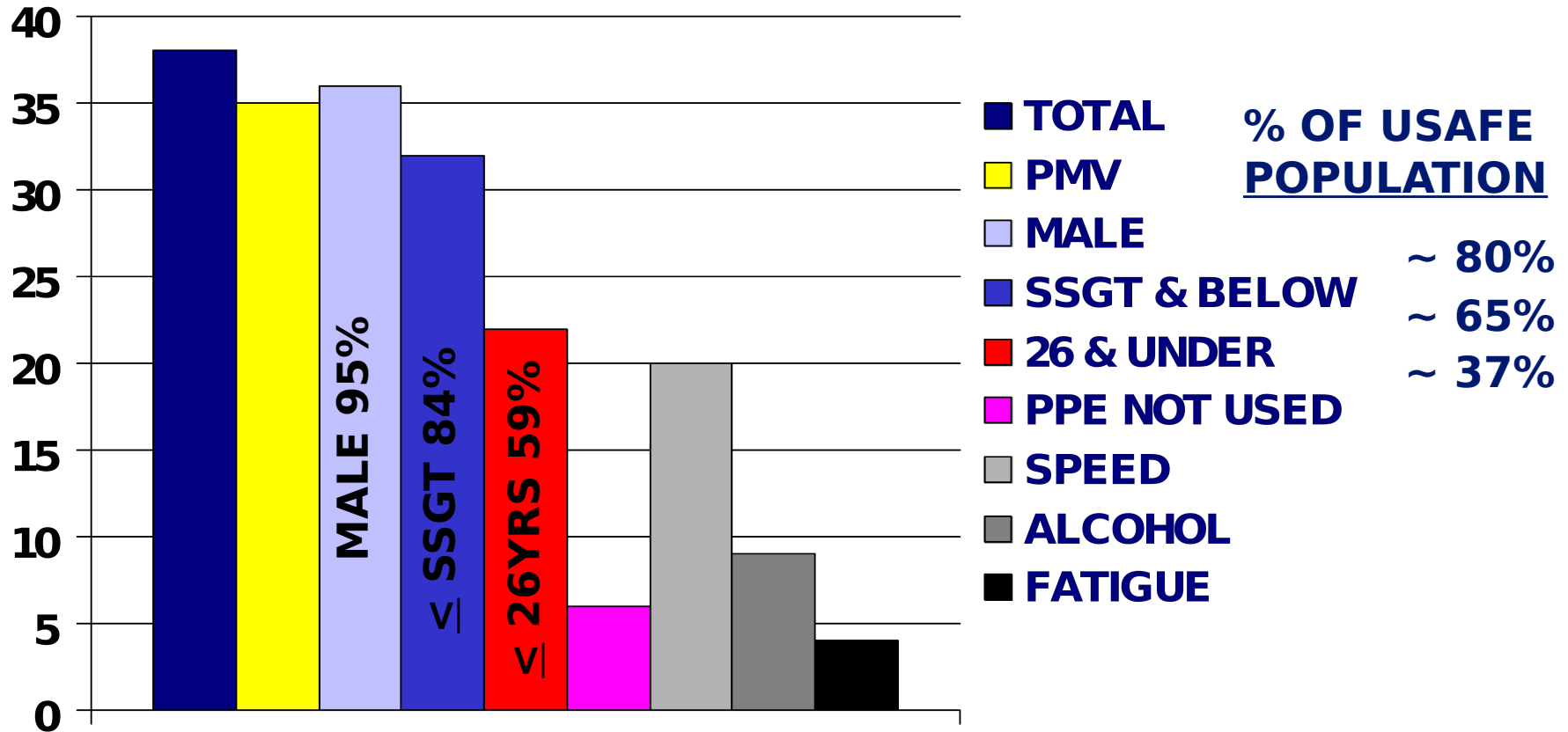
Safety Review

- Flight Safety
- **Ground Safety**
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USAFE Fatality Profile

Off-duty FY97-FY04



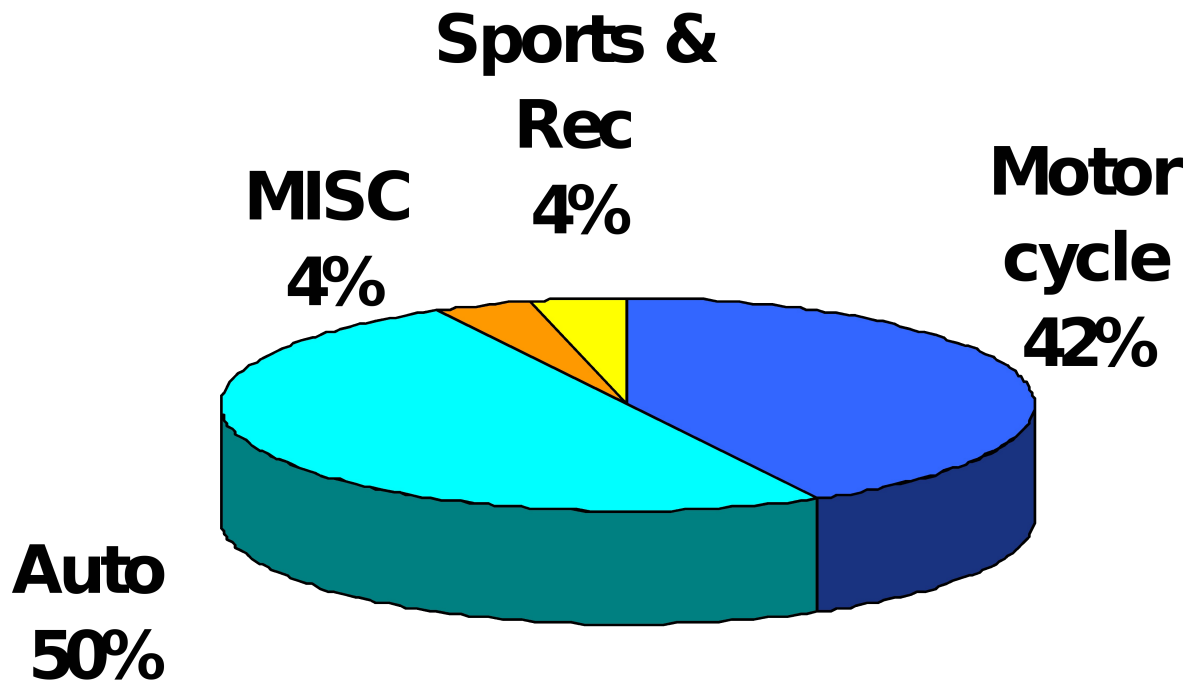
TOTAL ACTIVE DUTY FATAL MISHAPS = 38

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USAFE Off-duty Class A Ground Mishap Trend, FY98-FY04

- **Private Motor Vehicles - 92%!**



Total 26 Mishaps
***MISC = Pedestrian**



Common Examples

Belgium

- SSgt, 26, single (driver) (.21bac)
- A1C, 21, passenger (.24 bac)
- PMV (4whl)
- Driver fell a sleep at the



Italy

- SRA, 23, single
- PMV (4whl)
- Failed to control, rolled vehicle and struck tree (late for work)

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Safety Review

- Flight Safety
- Ground Safety
- **Weapons Safety**
- Air Scoop



LAST USAFE WEAPONS CLASS "A" MISHAP

- **30 APR 92:**
- **TRIER HARBOR
SCRAP-METAL YARD**
- **CBU-71s EXPLODED IN
SCRAP METAL PRESS**
- **CBUs IN CONTAINERS
LABELED "EMPTY"**
- **3 INJURED**



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EXPLOSIVE SITE PLANS

- **CRUCIAL ROLE IN FORCE PROTECTION**
- **WHERE CAN I PUT MY.... PEOPLE, MUNITIONS, AIRCRAFT, ETC TO PROTECT THEM FROM UNEXPECTED EXPLOSIONS**
- **KEY TO PREVENTING LOSSES:**
SAFE SEPARATION OF EXPOSED SITES FROM POTENTIAL EXPLOSIVE SITES



EXCELLENT SITE PLANNING



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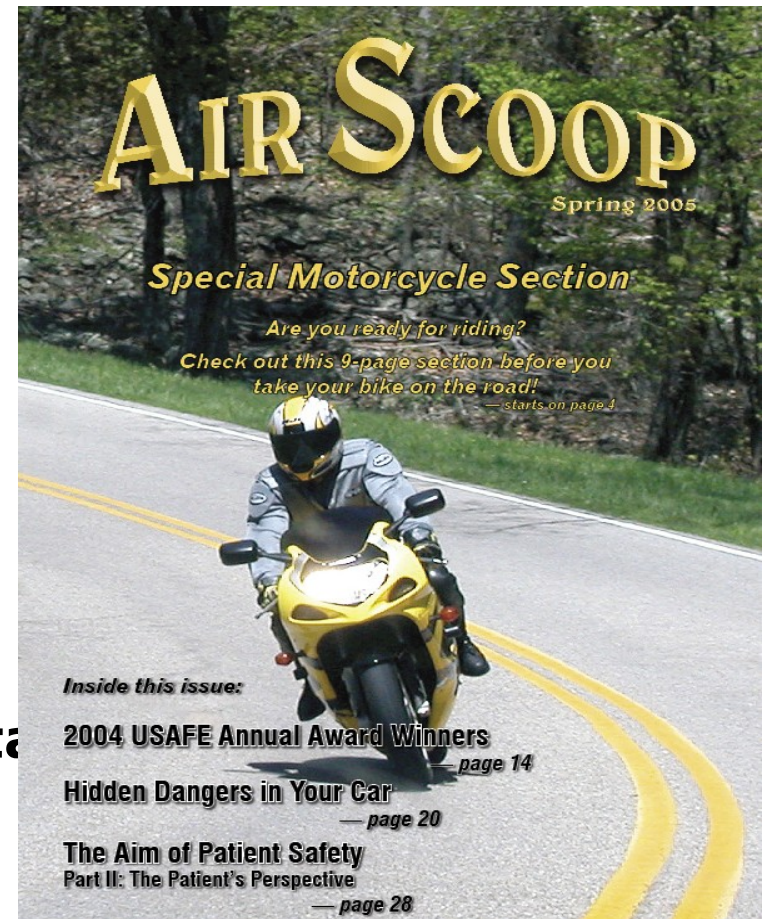
Safety Review

- Flight Safety
- Ground Safety
- Weapons Safety
- **Air Scoop**



Air Scoop

- **COMUSAFE'S Safety Magazine**
 - **Policy**
 - **Philosophy**
 - **Operational Issues**
 - **Industrial Issues**
 - **Recreational Safety**
- **On the web!**
- **Open to Joint Contribution**
 - **Your Experiences are Important**



Goal: Mishap prevention through communicating the Safety Message

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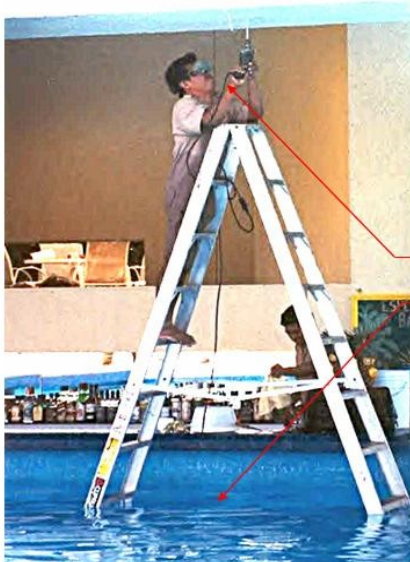
Project SMART

Smartly Manage Awareness, Risks and Threats

COMUSAFE's Special Interest Program



Project SMART Use ORM / Personal Risk Mgmt



■ ORM (6-Steps; Here's the easy version):

- A – Assess the risks
- C – Consider mitigation
- T – Take appropriate action

■ Risks:

- Eye injury: +10 for goggles
- Fall injury: +2 for soft landing
- Electrocution: -100 for stupidity

■ Consider Mitigation:

- Cordless drill?

■ Take Appropriate Action:

- *Don't be a Darwin Award candidate!*

■ Risk Management Based

■ Four Pillars

- Focus
- Metrics
- Resources
- Awards

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Project SMART

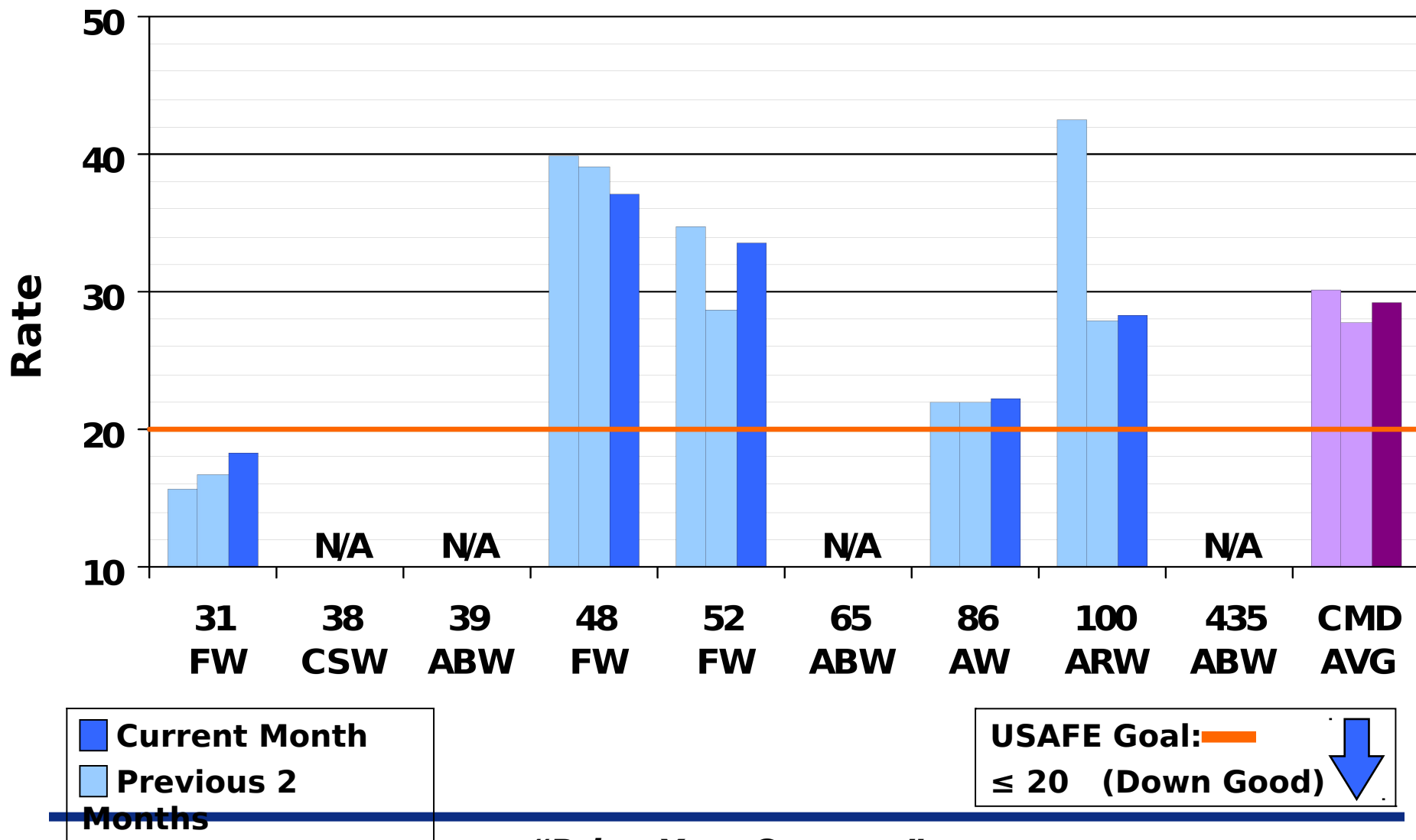
Smartly Manage Awareness, Risks and Threats

- **Goal - Promote a Safety Culture - Doing it Smart**
 - **Focus on Personal Risk Management**
 - **Initial reduction target is 50% of FY02 baseline**
- **Program Elements: Focus, Metrics, Resources, Awards**
 - **Focus: Annual calendar, sustained focus, multiple venues**
 - **Monthly topics assigned to wings - 12 month schedule**
 - **Full spectrum of issues tailored to command experience**
 - **Metrics: Monthly metrics at every level up to the 4-Star**
 - **Flight Mishap Rate (Class B & C)**
 - **On-Duty Rate (All Classes)**
 - **Off-Duty Rate (All Classes)**
 - **DUI Rate**



Project SMART

Flight Mishap Rate (per 100K Hours)

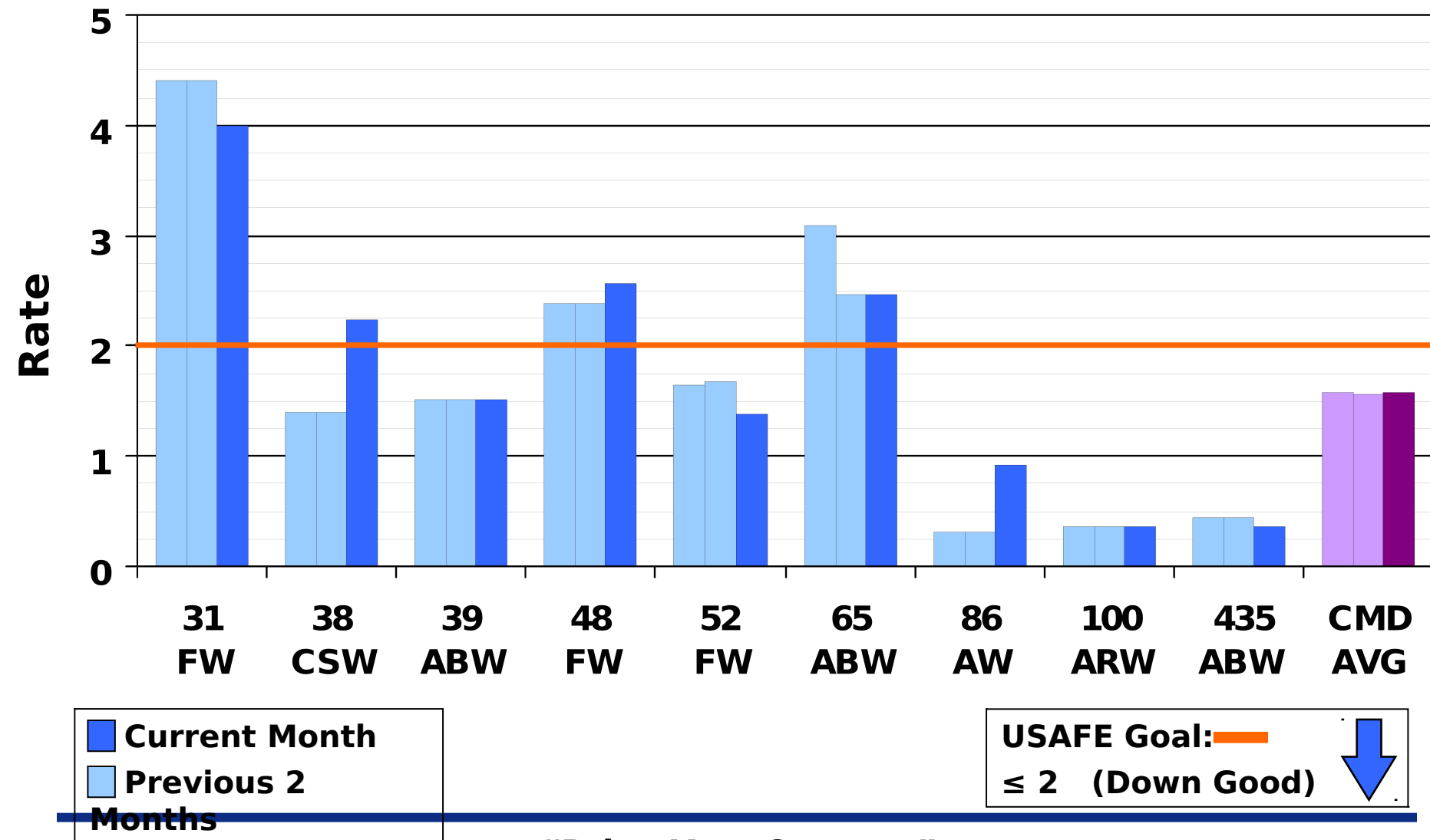


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Project SMART

On-Duty Mishap Rate (per 1K People)

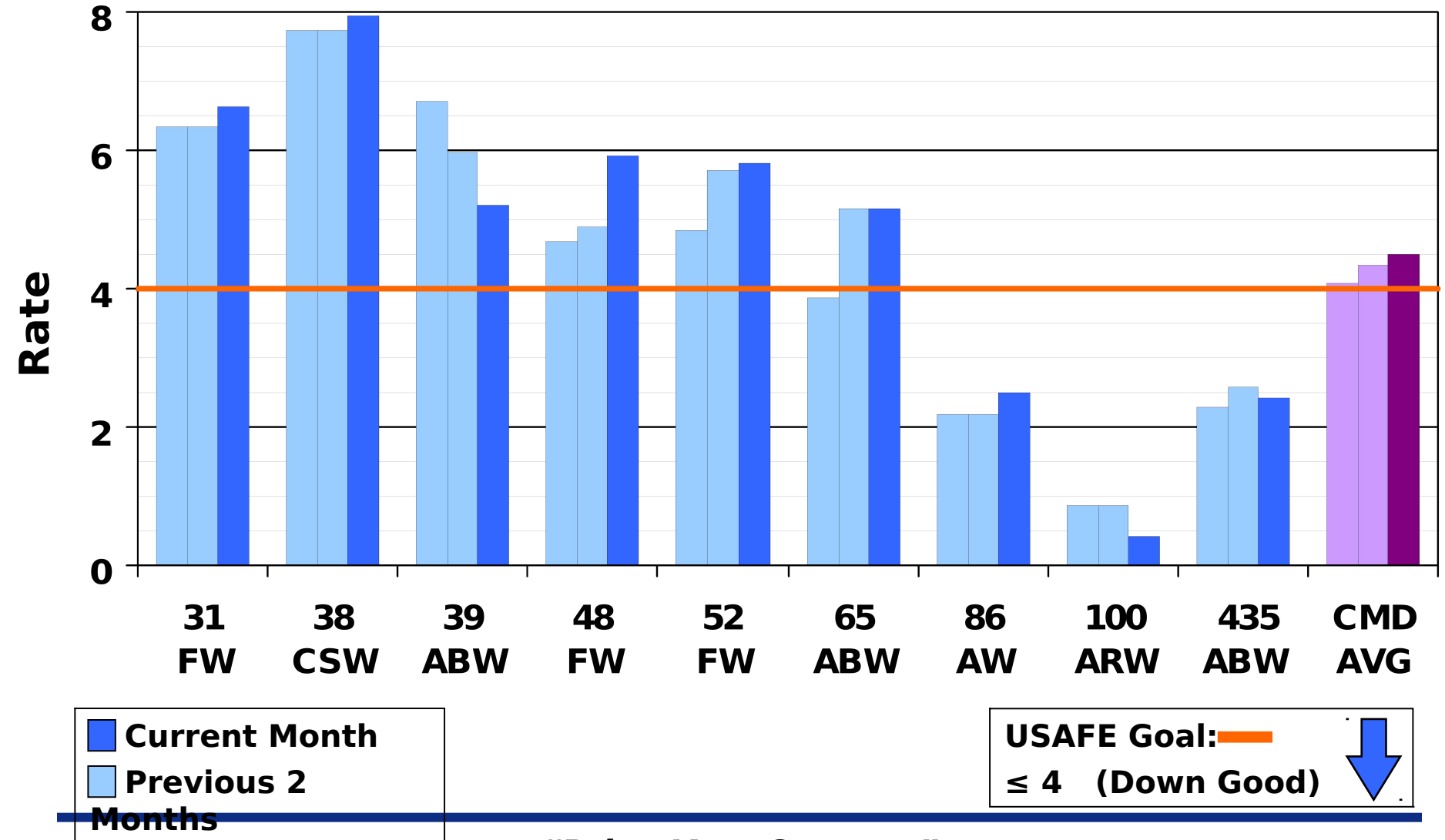


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Project SMART

Off-Duty Mishap Rate (per 1K People)

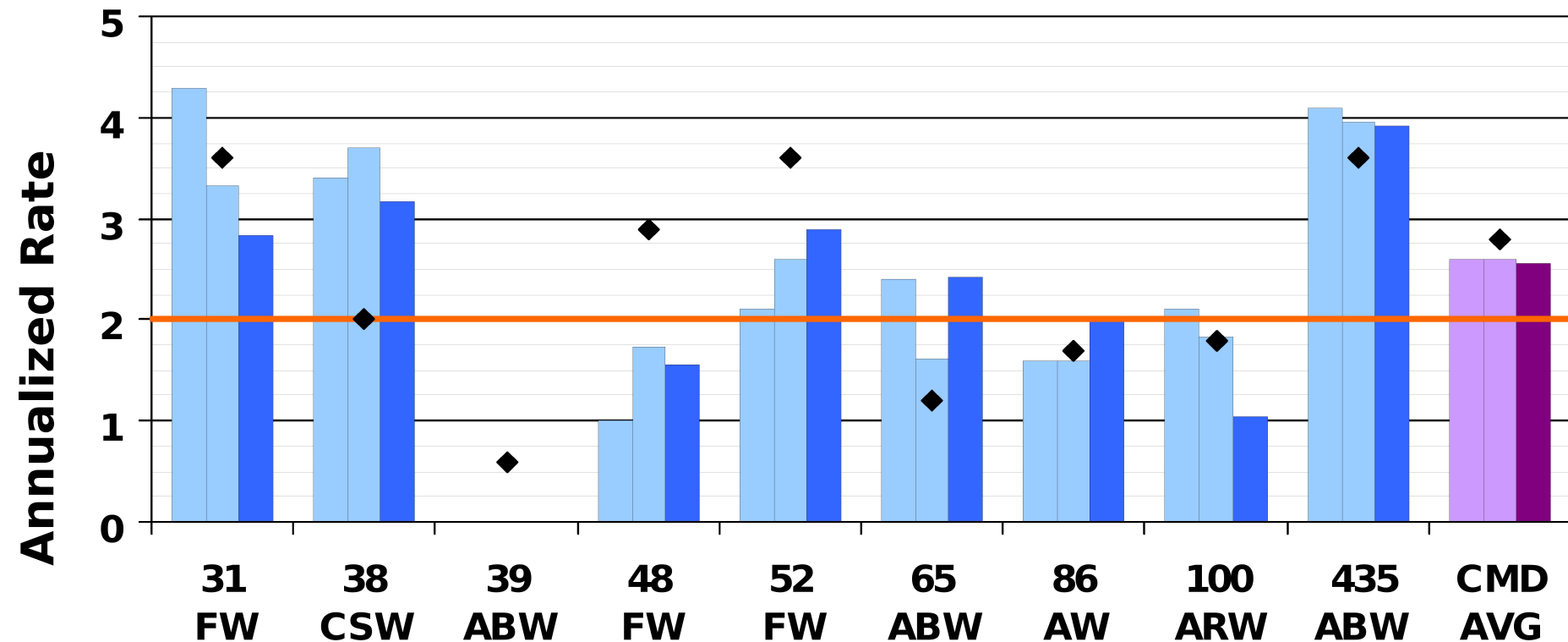


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Project SMART

FY 05 To Date DUI Rate (per 1K People)



Jan 05	1	2	0	1	4	1	2	0	6	17
FYTD 05	8	6	0	6	13	2	5	3	25	68
FYTD 04	14	4	1	14	21	2	3	6	20	85

Current Month
 Previous 2 Months

FY 04

USAFE Goal:
 ≤ 2 (Down Good)

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Project SMART

Smartly Manage Awareness, Risks and Threats

- **Program Elements: Focus, Metrics, Resources (Cont)**
 - **Resources: ~ Quarterly COMUSAFE *Wish-List***
 - **Complex formula to include “what are the wings investing in themselves”**
 - **Several safety initiatives funded: e.g. ADAC, speed control, CATMs range upgrades**
 - **In excess of \$100K spent on Safety Un-Funded**
 - **Awards: SMART coins, write-ups in Air Scoop**
- **Results:**
 - **Zero Class A Flight Mishaps, 25% reduction in Class B & C**
 - **At or slightly above our goal in on & off-duty mishaps**
 - **Flat on DUI reduction.**



Questions?



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